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NOTEAL

EFFECTIVE PRIVACY AND
SOLAR PROTECTION SHUTTER







NOTEAL, designer solar protection



Architect: Cardete Huet Architectes Photography: DR Technal

The concept

NOTEAL is an extensive range incorporating blinds, roller shutters and hinged shutters. A wealth of infills and possible combinations: fixed or moveable louvres, solid, combination, full height or with a transom, for new build and renovation projects (commercial and residential).

These architectural solutions solve the issues of:

- Solar protection: full or partial shade.
- Natural ventilation: fixed or moveable blades.
- Enhanced security: forced entry delay.

The ingenuity of the range

- Same infills for hinged and roller shutters.
- Variety of infills (openwork or blackout) and multiple combinations for windows and patio doors.
- All installation scenarios are taken into account: wall mounted or soffit.
- Can be adapted for large dimensions.
- Wide range of Technal finishes.

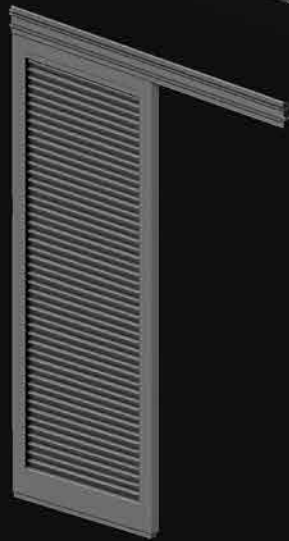


NOTEAL, light and shade protection

Blinds



Roller shutter



Hinged shutter



Multiple configurations

- Contemporary solutions
 - Blinds.
 - Roller shutter.
(with optional motor).
- Traditional solutions
 - Hinged shutter.
- Regional identities
 - Mediterranean shutter

Aesthetics

- Full: vertical or horizontal blades.
- Louvre blind with fixed blades, full height or with a transom
- Louvre blind with moveable blades, full height or with a transom
- Combination: fixed louvre blind and full lower section.
- Bar and brace with the option of arched shape.
- "Niçoise style": opened manually via a top hinge.

Technical performance

- Tested in accordance with European standards therefore CE marked.
- Wind performance: Results obtained depending on application: class 6

Comfort and security

- Solar protection: full or partial shade.
- Natural ventilation: fixed or moveable blades.
- Enhanced security: forced entry delay.

Locking mechanisms

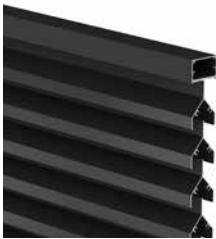
- Aluminium lock and strike plate: reversible left and right, 2 positions (long and short).
- Recessed sliding handle.
- 2-point cylinder lock.



NOTEAL, blinds

A modern feature for
curtain walling...

For curtain walling that is aesthetically
pleasing, the 42 mm module offers 3 dedicated
systems providing shade and solar protection,
for use with roller or fixed systems.



Inversed Y-shaped
blade full shade



Straight rectangular
blade partial shade

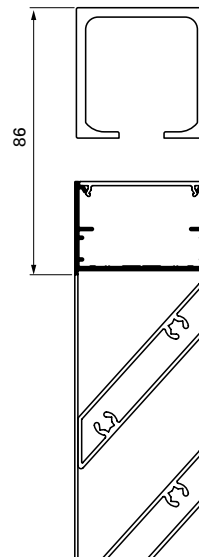
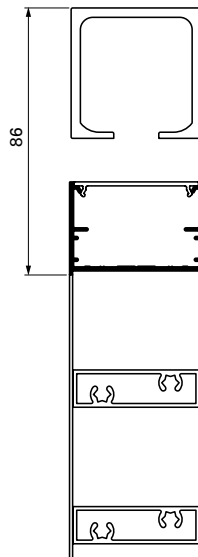
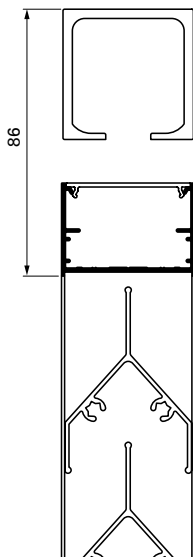


Rectangular blade
partial shade at 42°

6

Sections

Blinds





NOTEAL, roller shutter

Designer solar protection...

Controlling incoming sunlight, providing natural ventilation and optimising natural light are all challenges faced by modern buildings. Designed to meet these needs, the NOTEAL range offers a variety of suspended roller shutter solutions from a 30 mm module.

A track-operated motor system may be integrated as an option.

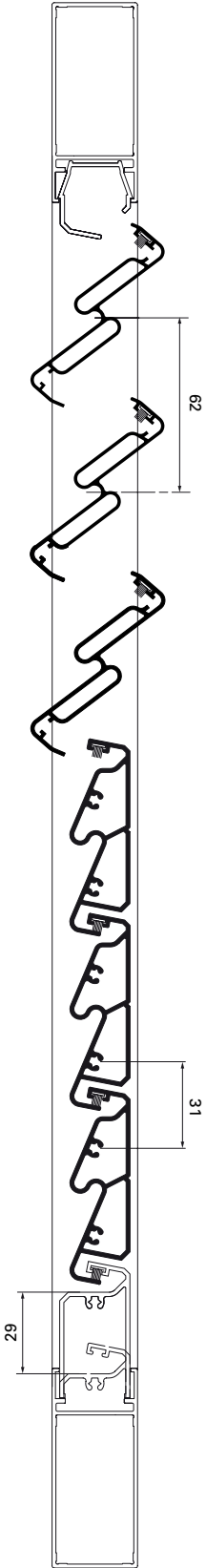


Sections

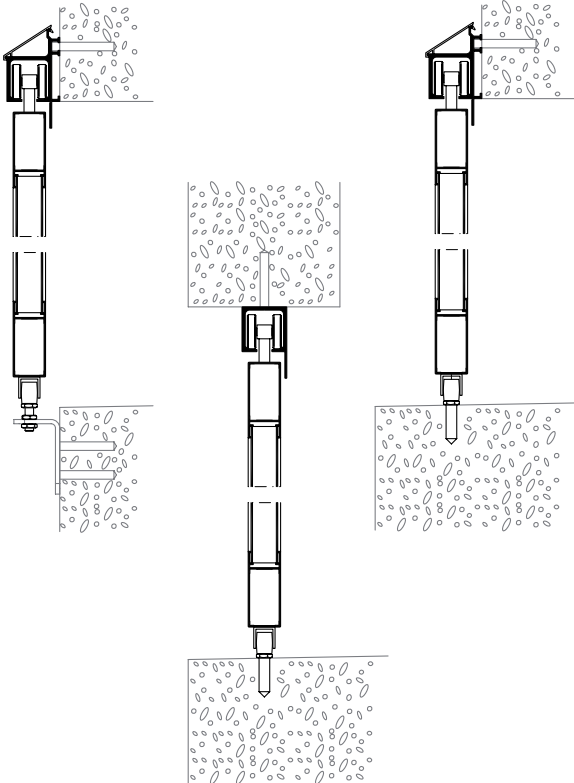
Choice of blades



Roller shutter



Choice of installation options



NOTEAL, hinged shutter

Traditional solutions

For the seamless integration of an external closure system that offers complete security whilst respecting the building's identity, opt for this 30 mm module which is particularly suited to the renovation market and incorporates wood-design features.

There are a range of solutions which have been tailored to complement traditional regional features: bar and brace shutter, solid, fixed or moveable louvres, full-height or with transom, combination, etc.



Whilst respecting the identity of the region, the "Niçoise" style shutter is operated manually via top hinges, offers partial shade thanks to the fixed louvre blades and promotes natural ventilation.





Applications

BLINDS

Fixed



Inversed Y-shaped blade (fixed)



Inclined rectangular blade (fixed)



Straight rectangular blade (fixed)

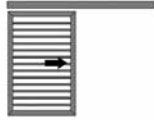
Sliding



Inversed Y-shaped blade



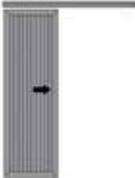
Inclined rectangular blade



Straight rectangular blade

ROLLER SHUTTER

Solid vertical blade



1 leaf with solid vertical blade



2 leaves with solid vertical blades

Full-height louvre blind



1 leaf with full-height louvre blind



2 leaves with full-height louvre blind

Louvre blind with transom



1 leaf with louvres with transom



2 leaves with louvres with transom

Combination (solid + vertical)



1 combination leaf (fixed+solid)



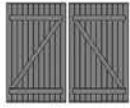
2 combination leaves (fixed+solid)

HINGED SHUTTER

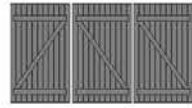
Bar and brace



1 leaf



2 leaves



3 leaves

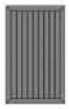


1 arched
leaf

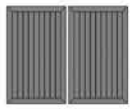


2 arched
leaves

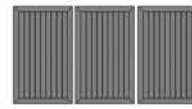
Solid vertical blade



1 leaf



2 leaves



3 leaves



1 arched
leaf



2 arched
leaves

Full-height louvre blind



1 leaf



2 leaves



3 leaves

Louvres with transom



1 leaf



2 leaves

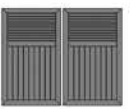


3 leaves

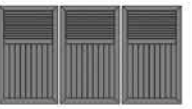
Combination (louvres + solid blades)



1 leaf



2 leaves



3 leaves

"Niçoise" style in the lower section (window)



1 leaf



2 leaves

"Niçoise" style in the middle section (patio door)



1 leaf



2 leaves





Materials and parts

As with all Technal systems, only the highest quality materials and components are used to minimise maintenance and ensure long-term performance.

- Aluminium profiles are extruded from 6060 T5 EN 12020, EN 573-3, EN 515 and EN 775-1 to 9 alloys.
- Fittings are cast from EN 12844 compliant Zamak 5.
- All gaskets are EPDM or TPE (Thermoplastic elastomer).
- Polyamide thermal breaks are extruded from pA6-6 (0.25 FV).
- Screws are made from stainless steel.

Finishes and colours

A wide range of finishes and colours is available to meet individual project requirements, enhancing existing buildings and offering architects and designers greater design freedom:

- Natural anodised in accordance with EN 123731: 2001.
- Polyester powder coating finishes in a wide range of colours in accordance with "QUALICOAT".
- NOTEAL is also available in lacquered finishes with exclusive Technal colours for a stylish and contemporary look.





1. Architects: ALBRAND & MARROU ARCHITECTES Photography: DRTechnal
2. Photography DRTechnal